

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	824	(74/560).CCLS.	USPAT; USOCR	OR	OFF	2006/08/08 13:41
S2	4	((("6564676") or ("4488453") or ("5899113") or ("6679245"))).PN.	USPAT; USOCR	OR	OFF	2006/03/03 10:52
S3	5	("4599915"   "5199324"   "5860330"   "6241639"   "6393940").PN. OR ("6564676").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/03 11:38
S4	0	(64/561,562,562.5,563).CCLS.	USPAT; USOCR	OR	OFF	2006/03/03 11:38
S5	1235	(74/561,562,562.5,563).CCLS.	USPAT; USOCR	OR	OFF	2006/03/03 11:38
S6	0	S1 and S4 and Bik\$	USPAT	OR	OFF	2006/03/03 11:39
S7	0	S1 and S4 and Bike	USPAT	OR	OFF	2006/03/03 11:39
S8	0	S1 and S4 and Bicycle	USPAT	OR	OFF	2006/03/03 11:39
S9	4	S1 and S5 and Bicycle	USPAT	OR	OFF	2006/03/03 11:40
S10	0	S1 and S5 and Bike	USPAT	OR	OFF	2006/03/03 11:40
S11	16	S1 and S5 and adjustable	USPAT	OR	OFF	2006/03/03 11:44
S12	5	S1 and S5 and cycle	USPAT	OR	OFF	2006/03/03 11:45
S13	10	S1 and S5 and automatic and pedal	USPAT	OR	OFF	2006/03/03 13:26
S14	0	(469/560).CCLS.	USPAT; USOCR	OR	OFF	2006/03/03 13:27
S15	800	(74/469).CCLS.	USPAT; USOCR	OR	OFF	2006/03/03 13:36
S16	18827	bicycle	USPAT	OR	OFF	2006/03/03 13:39
S17	730	(74/594.4).CCLS.	USPAT; USOCR	OR	OFF	2006/03/03 13:39
S18	1225	(74/594.4,594.6,594.7).CCLS.	USPAT; USOCR	OR	OFF	2006/03/07 07:54
S19	290	(36/130,131).CCLS.	USPAT; USOCR	OR	OFF	2006/03/07 07:58
S20	2382	(74/512,560,562.5).CCLS.	USPAT; USOCR	OR	OFF	2006/03/07 07:58
S21	1235	(74/561,562,562.5,563).CCLS.	USPAT; USOCR	OR	OFF	2006/03/07 07:59
S22	2072	S20 - S21	USPAT	OR	OFF	2006/03/07 07:59
S23	730	(74/594.4).CCLS.	USPAT; USOCR	OR	OFF	2006/03/07 07:59
S24	16202	S20 - S21 -s18 - S23	USPAT	OR	OFF	2006/03/07 07:59
S25	0	S20 - S21 -s18 - S23	USPAT	SAME	OFF	2006/03/07 07:59

## EAST Search History

S26	11	("5203229"   "5685202"   "5692415"   "5697262").PN. OR ("5852956").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 10:38
S27	11	("0235551"   "1362145"   "2024499"   "2866358").PN. OR ("4338829").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 13:35
S28	508	(74/594.1).CCLS.	USPAT; USOCR	OR	OFF	2006/03/07 16:17
S29	607	(411/166,161,188).CCLS.	USPAT; USOCR	OR	OFF	2006/03/07 16:23
S30	660	(403/11,21).CCLS.	USPAT; USOCR	OR	OFF	2006/03/08 08:24
S31	377	(411/166).CCLS.	USPAT; USOCR	OR	OFF	2006/03/07 16:32
S32	677	mckinley.in.	USPAT	OR	OFF	2006/03/07 16:43
S33	1	("4,311,319").PN.	USPAT; USOCR	OR	OFF	2006/03/08 07:27
S34	161	(403/21).CCLS.	USPAT; USOCR	OR	OFF	2006/03/08 07:41
S35	273	(403/20).CCLS.	USPAT; USOCR	OR	OFF	2006/03/08 08:08
S36	508	(403/11).CCLS.	USPAT; USOCR	OR	OFF	2006/03/08 08:24
S37	26	("0562546"   "4599915"   "4838115"   "4840085"   "5048369"   "5115692"   "5203229"   "5259270"   "5417128"   "5419218"   "5423233"   "5557985"   "5784930"   "5784931"   "5802930"   "5992266"   "6014914"   "6119551"   "D284459"   "D286995"   "D387706").PN. OR ("6393940").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 16:42
S38	26	("0562546"   "4599915"   "4838115"   "4840085"   "5048369"   "5115692"   "5203229"   "5259270"   "5417128"   "5419218"   "5423233"   "5557985"   "5784930"   "5784931"   "5802930"   "5992266"   "6014914"   "6119551"   "D284459"   "D286995"   "D387706").PN. OR ("6393940").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 16:42
S39	1	("4311319").PN.	USPAT; USOCR	OR	OFF	2006/08/04 08:02
S40	10176	split adj ring	USPAT	OR	ON	2006/08/04 16:05
S41	3963	split adj ring and recess	USPAT	OR	ON	2006/08/04 15:26

## EAST Search History

S42	170	split adj ring.ti.	USPAT	OR	ON	2006/08/04 15:26
S43	11	("1191009"   "3138840"   "3241201"   "5915946"   "6073385"   "D393688"   "D430261"   "D437995").PN. OR ("D502247").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/04 15:27
S44	266	split adj ring and hex	USPAT	OR	ON	2006/08/04 16:05
S45	20	split adj ring and hex adj shaped	USPAT	OR	ON	2006/08/04 16:15
S46	0	split adj ring with hex adj shaped	USPAT	OR	ON	2006/08/04 16:16
S47	18	(split adj ring) with (hex adj shaped or non-circular)	USPAT	OR	ON	2006/08/04 16:20
S48	965	(ring) with (hex adj shaped or non-circular)	USPAT	OR	ON	2006/08/04 16:20
S49	0	(ring) with (hex adj shaped or non-circular) and bike	USPAT	OR	ON	2006/08/04 16:20
S50	169	(ring) with (hex adj shaped or non-circular) and handle	USPAT	OR	ON	2006/08/07 08:54
S51	8	(ring) with (hex adj shaped or non-circular) and pedal	USPAT	OR	ON	2006/08/04 16:20
S52	1	("5964809").PN.	USPAT; USOCR	OR	OFF	2006/08/07 08:54
S53	7	key adj way.ti.	USPAT	OR	ON	2006/08/08 13:41
S54	17	(key adj way) and bike	USPAT	OR	ON	2006/08/08 13:45
S55	75	(keyway) and bike	USPAT	OR	ON	2006/08/08 15:52
S56	8646	(keyway) and bearing	USPAT	OR	ON	2006/08/08 15:53
S57	48	(keyway) near bearing	USPAT	OR	ON	2006/08/16 13:48
S58	284	(keyway or matching) near bearing	USPAT	OR	ON	2006/08/16 13:48
S59	49	(keyway or (matching adj parts)) near bearing	USPAT	OR	ON	2006/08/16 13:49
S60	1	(matching adj parts) near bearing	USPAT	OR	ON	2006/08/16 13:49
S61	2	(matching adj parts) near lock	USPAT	OR	ON	2006/08/16 13:52
S62	5	(complementary adj parts) near lock	USPAT	OR	ON	2006/08/16 13:53
S63	0	(complementary adj pieces) near lock	USPAT	OR	ON	2006/08/16 13:53
S64	0	(complementary adj ribs) near lock	USPAT	OR	ON	2006/08/16 13:54
S65	3	(complementary adj grooves) near lock	USPAT	OR	ON	2006/08/16 13:55
S66	6	(complementary adj grooves) near bearing	USPAT	OR	ON	2006/08/16 13:58
S67	0	(complementary adj grooves) near friction	USPAT	OR	ON	2006/08/16 13:58

## EAST Search History

S68	22	(complementary adj grooves) with friction	USPAT	OR	ON	2006/08/16 14:01
S69	65	(complementary adj grooves) with bearing	USPAT	OR	ON	2006/08/16 14:01
S70	45	(complementary adj grooves) with bearing and rotation	USPAT	OR	ON	2006/08/16 14:46
S71	0	((complementary adj grooves) with bearing) near rotation	USPAT	OR	ON	2006/08/16 14:46
S72	3	((complementary adj grooves) with bearing) with rotation	USPAT	OR	ON	2006/08/16 14:48
S73	7	((complementary adj parts) with bearing) with rotation	USPAT	OR	ON	2006/08/17 09:34
S74	177	((keyway) with bearing) with rotation	USPAT	OR	ON	2006/08/17 09:35
S75	0	((keyway) with bearing) near rotation	USPAT	OR	ON	2006/08/17 09:35
S76	267	((keyway) with bearing) same rotation	USPAT	OR	ON	2006/08/17 09:35
S77	49	((keyway and prevent) with bearing) with rotation	USPAT	OR	ON	2006/08/17 10:32
S78	80	((rib and prevent) with bearing) with rotation	USPAT	OR	ON	2006/08/17 10:32
S79	1085	((rib adj\$ groove) and prevent) with bearing) with rotation	USPAT	OR	ON	2006/08/17 10:33
S80	3	((rib adj groove) and prevent) with bearing) with rotation	USPAT	OR	ON	2006/08/17 10:33